

**A METHOD OF PROVIDING MODULATED ILLUMINATION OF A ROAD, AND A VEHICLE HEADLIGHT FOR PERFORMING THE SAID METHOD**

**ABSTRACT OF THE DISCLOSURE**

5 The invention relates to a method of lighting a road with a vehicle headlight, in which the projected light is modulated in response to the presence of any persons on the road. The method comprises the following operations:

- detecting in the road scene at least one person,
- 10 - pinpointing the location of the person in the road scene,
- creating on an imager a mask having dimensions and position corresponding to the person, and
- lighting the road through the imager, to create a projected shadow around the person.

15 The invention also provides a headlight for performing this method and having a first light source, an imager, a light guide for carrying the light from the light source towards the imager, and an electronic system for generating light-occluding masks on the imager.